

ABSTRACT OF THE DISCLOSURE

A metal grid is placed in the open end of a cup-shaped light bulb as a radiator to dissipate the heat generated from the light emitting device. One or more light emitting devices can be placed on the inner side surface of the metal grid, and the light emitted from the light emitting devices is reflected by the inner surface of the cup and transmitted through the windows in the metal grid. The horizontal plates of the metal grid and the vertical walls of the grid can be insulated from each other to serve as electrodes for the light emitting device. The cup can be back-filled with glass or other transparent polymer composite to prevent dust from entering the cup. Alternatively, a single light emitting device is place near the bottom of the cup

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